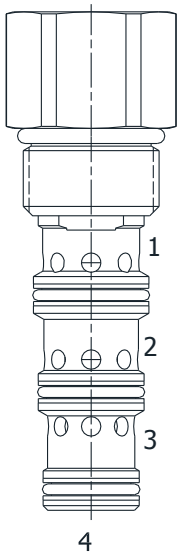


HG-PDA PILOTED DIRECTIONAL VALVE, 4 WAY NORMALLY CLOSED



DESCRIPTION

10 size, 7/8-14 thread, "Delta" series, 4 way piloted directional valve.

OPERATION

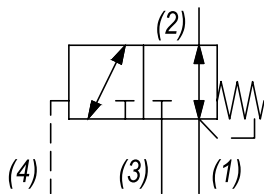
The HG-PDA in neutral (un-piloted), allows flow between (2) and (1) bi-directionally, while blocking at (3). The spring chamber is constantly vented at (1). On attainment of a predetermined pressure at (4), the cartridge redirects flow from (2) to (1), to (2) to (3).

Note: that the backpressure value at (1) must be added to the selected pressure setting to determine pilot pressure necessary to shift valve to second position.

FEATURES

- Hardened parts for long life.
- Industry common cavity

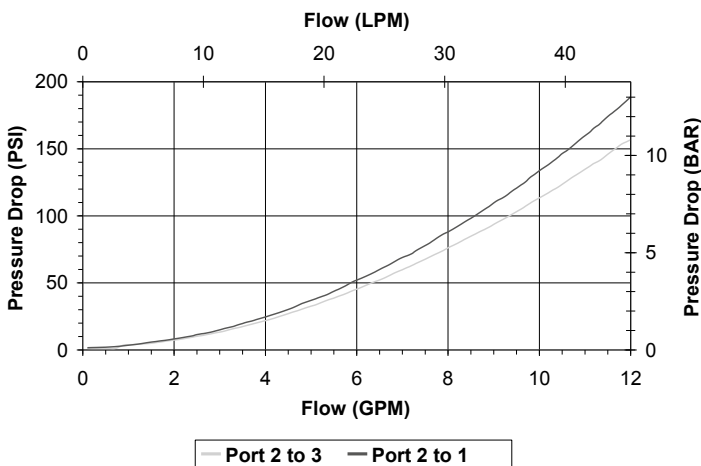
HYDRAULIC SYMBOL



.030 to .060 diameter orifice recommended beneath port (4).

PERFORMANCE

Actual Test Data (Cartridge Only)



VALVE SPECIFICATIONS

| | |
|------------------------------------|---------------------------------|
| Nominal Flow | 10 GPM (38 LTR/M) |
| Rated Operating Pressure | 4000 PSI (276 bar) |
| Typical Internal Leakage (150 SSU) | 8 cu in/min (82 ml/min) |
| Viscosity Range | 36 to 3000 SSU (3 to 647 cSt) |
| Filtration | ISO 18/16/13 |
| Media Operating Temp. Range | -40° to 250°F (-40° to 120°C) |
| Weight | .63 lbs (.28 kg) |
| Operating Fluid Media | General Purpose Hydraulic Fluid |
| Cartridge Torque Requirements | 40 ft-lbs (40.6 Nm) |
| Cavity | DELTA 4W |
| Cavity Form Tool (Finishing) | 40500002 |
| Seal Kit | 21191214 |

WARNING: the specifications/application data shown in our catalogs and data sheets are intended only as a general guide for the product described (herein). Any specific application should not be undertaken without independent study, evaluation, and testing for suitability.

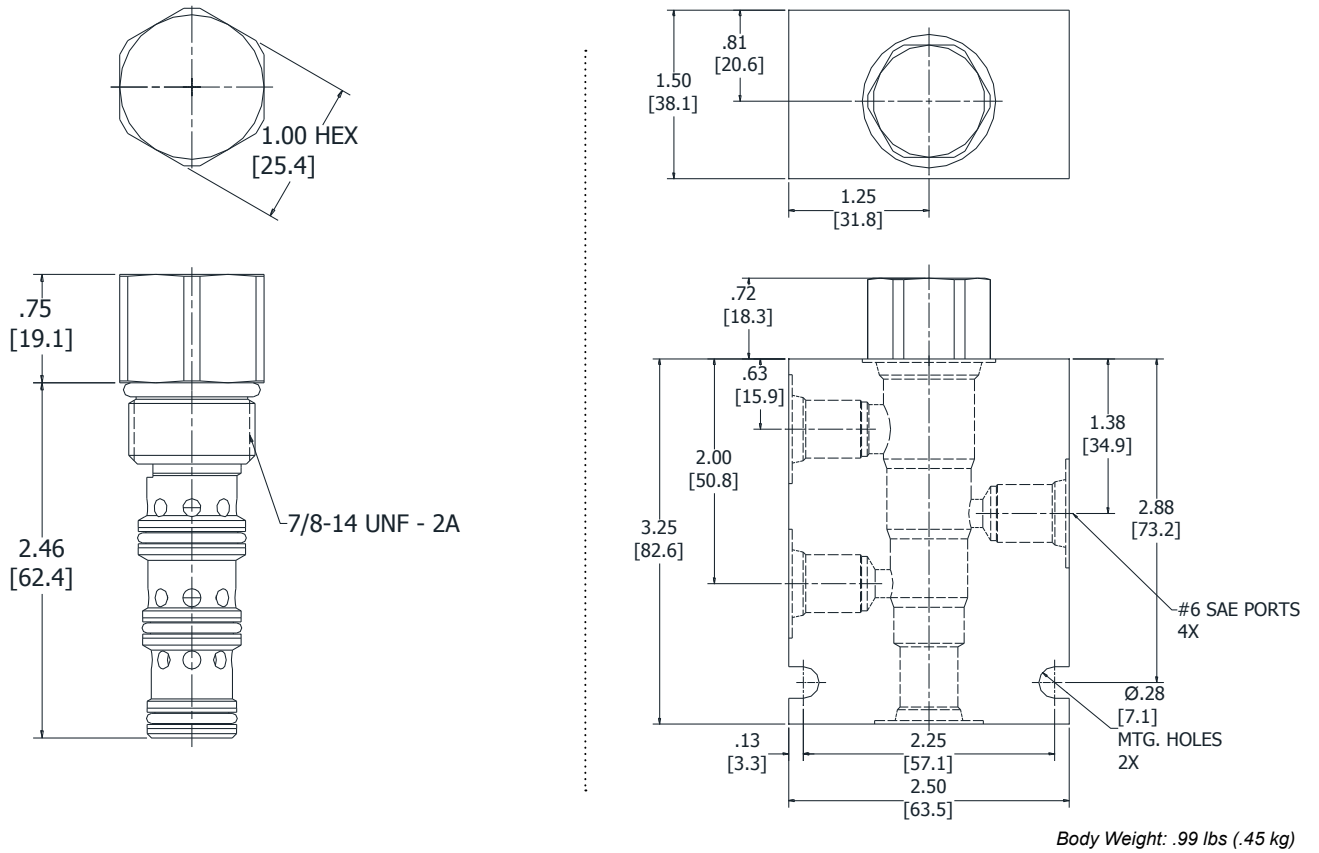


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DIMENSIONS



ORDERING INFORMATION

HG-PDA - - -

OPTIONS

Buna Standard **00**
Viton Standard **V0**

BODIES

Blank Without Body
N 1/4" NPTF Ports
S #6 SAE Ports

PRESSURE SETTINGS

0040 40 PSI
0080 80 PSI
0160 160 PSI

W 40 / 2017

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